

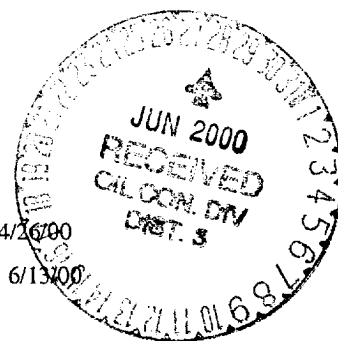
ROSA UNIT #21A
BLANCO MESAVERDE

Location:

1250' FNL and 2165' FWL
NE/4 NW/4 Sec 23(C), T31N R06W
Rio Arriba, New Mexico
Elevation: 6281' GR

Spud date : 4/26/00

Completed: 6/13/00



6 jts 9-5/8", 36#, K-55, LT&C csg. Landed @ 288'
Cemented with 160 sx cmt

Top Depth

Pictured Cliffs 3112'

Lewis 3525'

CliffHouse 5318'

Menefee 5348'

Point Lookout 5594'

Mancos 5988'

TIW liner hanger.
TOL @ 3446'

92 jts 7", 20#, K-55, LT&C csg. Landed @ 3583'.
Float @ 3643'. Cemented with 590 sx cmt.

189 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg w/
1/2" mule shoe on bottom and SN 1 jt up.
Landed @ 5884'

STIMULATION

CliffHouse/Menefee: 4389' - 5538'
(26, 0.38" holes) Frac with 80,000#
20/40 sand in 1914 bbls slick water.

Point Lookout: 5588' - 5900' (29,
0.38" holes) Frac with 80,000# 20/40
sand in 1935 bbls slick water.

TD @ 6000'
PBSD @ 6047'

Hole Size	Casing	Cement	Volume	Top Of CMT
12-1/4"	9-5/8", 36#	160 sx	222 cu. Ft.	surface
8-3/4"	7", 20#	590 sx	1107 cu ft.	surface
6-1/4"	4-1/2", 10.5#	270 sx	391 cu. Ft.	3446'